

Abstract of the Disclosure

A controlled-modulus fusing station member inclusive of a durable, tough, elastically deformable layer incorporating hollow flexible filler particles. The elastically deformable layer can be a single layer on a substrate, the substrate preferably a core member of a fuser roller or a pressure roller. Alternatively, a protective or gloss control fluoropolymer layer is formed on the elastically deformable layer. The elastically deformable layer is made from a dry formulation inclusive of: a fluoroelastomer powder; microspheres in the form of unexpanded microspheres or expanded microballoons; and solid filler particles including strength-enhancing filler particles and thermal-conductivity-enhancing filler particles. The dry formulation is thermally cured or electron-beam cured.